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INFO	RMATION I	DISC	LOSURE	Application Number	09/471,357
0 20004	EMENT BY	ADD	LICANT	Filing Date	December 23, 1999
	L. /			First Named Inventor	Shinji NABESHIMA et al.
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EMARK OFF				Examiner Name	Unassigned
	T	of		Attorney Docket Number	742406-3

				U.S. PATENT DOCUMENT	rs _	
Examiner Initials*	Cite No.1	U.S. Pate	ent Document	Name of Patentee or Applicant of Cited	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Kind Code Office <sup>3</sup> Number <sup>4</sup> (If known)		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
VPB		10-178614	Satoshi et al.	06/30/1998		Abstract
VKIS		06-349196	HIROO et al.	12/22/1994		Abstract
		OTHER PRIOR	R ART – NON PATENT LITE	RATURE DOCUMENTS		
Examiner Initials	Cite No.1	Include name of the au item (book, magazine, j	thor (in CAPITAL LETTERS), ournal, serial, symposium, catal publisher, city and/or coun	og, etc.)., date, page(s), volum	priate), title of the e-issue number(s),	T²
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the twoletter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Examiner

PTO/SB/08A (10-01)

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Substitut	e for form 1449A/PTO			C	omplete if Known
INFO	RMATION I	NISCI	LOSURE	Application Number	09/471,357
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	December 23, 1999	
SIA.			First Named Inventor	Shinji NABESHIMA et al.	
	(use as many sheets t	is necessa	ury)	Art Unit	2711
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	742406-3

			U.S. PATENT DOCUM	IENTS	
Examiner Initials	Cite No.1	U.S. Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
VRS		US-6,185,228 B1	02/06/2001	Takashimizu et al.	
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VFIS		EP 0 849 958 A2	06/24/1998	Europe		
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	-	OTHER PRIOR A	ART – NON PATENT I	ITERATURE DOCUMENTS	FED 1 0 es	~ 4
Examiner Initials	Cite No.1	Include name of the authoritem (book, magazine, jou	ırnal, serial, symposium,	RS), title of the article (when approcatalog, etc.)., date, page(s), volume country where published.	priate), title of the	T <sup>2</sup>
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Date

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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-00) Approved for use through 10/31/2002. OMB 0651-0031

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Complete if Known Substitute for form 1449A/PTO 09/471,357 Application Number INFORMATION DISCLOSURE 12/23/1999 Filing Date STATEMENT BY APPLICANT Shinji NABESHIMA First Named Inventor

Unassigned Examiner Name Sheet 1 of 1 Attorney Docket Number 742406-3

Group Art Unit

fechnology Center 2600 **U.S. PATENT DOCUMENTS** U.S. Patent Document Date of Publication of Cited Pages, Columns, Lines, Where Relevant Document MM-DD-YYYY Name of Patentee or Applicant of Cited Passages or Relevant Figures Appear Initials' Number Kind Code<sup>2</sup> 5,844,595 Blatter et al. 12-01-1998

				FO	REIGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Office	Foreign Patent Document  Kind Co  Number <sup>4</sup> (if known)	de <sup>5</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
Vis		EP	0 873 022	A2	Na et al.	10-21-1998		Full
			ОТНЕ	R PRIOR A	RT – NON PATENT LITER	ATURE DOCUMENTS		
Examiner Initials*	Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>	
European Search Report, Appli 2002.				Report, A	Application No. 99310	472.8-2202, Mailing	g Date: August 9,	
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute	of form 14498/1779	EMARIE		C	omplete if Known
				Application Number	09/471,357
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	12/23/1999	
SIAI				First Named Inventor	Shinji NABESHIMA et al.
	(use as many sheets o	as necesso	iry)	Art Unit	2615
				Examiner Name	Vincent F. Boccio
Sheet	1	of	1	Attorney Docket Number	742406-3

			U.S. PATENT DOCUM	ENTS	
Examiner Initials*	Cite No.1	U.S. Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
		Number - Kind Code <sup>2</sup> (if known)	Code <sup>2</sup> (if known) MM-DD-YYYY Applicant of Cited Document Figure	Relevant Passages or Relevant Figures Appear	
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Cite No. <sup>1</sup>	Foreign Patent Document  Kind Code <sup>3</sup> Country Code <sup>3</sup> Number <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
	WO 97/46007	12/04/1997	Blatter		
	OTHER PRIOR A	ART – NON PATENT I	LITERATURE DOCUMENTS		
Cite No. <sup>1</sup>		ırnal, serial, symposium,	catalog, etc.)., date, page(s), volum		T <sup>2</sup>
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	No. 1	Cite No. 1  Country Code 3 Number 4  WO 97/46007  OTHER PRIOR A	Cite No.¹  Cite No.¹  Foreign Patent Document  Kind Code⁵ Country Code³ Number⁴ (if known)  WO 97/46007  12/04/1997  OTHER PRIOR ART – NON PATENT I  Cite No.¹  Include name of the author (in CAPITAL LETTEL No.¹  item (book, magazine, journal, serial, symposium,	Cite No.¹  Cite No.¹  Country Code³ Number⁴ (if known)  Country Code³ Number⁴ (if known)  Publication Date MM-DD-YYYY Application of Cited Document  Name of Patentee or Application of Cited Document  OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS  Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appro	Cite No.¹    Foreign Patent Document   Publication Date   Name of Patentee or Application of Cited Document   Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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Substitute for form 1449 A/PTO				Complete if Known		
INFORMATION DISCLOSURE				Application Number	09/471,357	
				Filing Date	December 23, 1999	
STATEMENT BY APPLICANT (use as many sheets as necessary)		First Named Inventor	Shinji NABESHIMA			
		Art Unit	2711			
				Examiner Name	Not yet assigned	
Sheet	1	of	1	Attorney Docket Number	742406-3	

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Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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YEB		JP 2000-41066	02-08-2000	Kurioka et al.		Full
		OTHER PRIOR	ART – NON PATENT L	ITERATURE DOCUMENTS		
Examiner Cite Include name of the author (in CAPITAL LETTERS), t Initials No. item (book, magazine, journal, serial, symposium, catalo publisher, city and/or count				catalog, etc.)., date, page(s), volum		T <sup>2</sup>
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U.S.Department of Commerce Patent and Trademark Office

Atty Docket 2406-0003

Serial No. 09/471,357

INFORMATION DISCLOSURE STATEMENT

Applicants: Shinji NABESHIMA et al.

Filing Date: December 23, 1999

Group Art Unit: 2711

## **FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	<u>Translati</u> Yes	<u>on</u> No
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